# WRCC Tools for Drought and Climate in California

Nina Oakley
Western Regional Climate Center
Drought Tools for Media Workshop
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## What is WRCC?

One of 6 NOAA RCCs

Based in Reno, NV



- Collect/disseminate climate data/info for West
- We have staff to help with your climate questions!

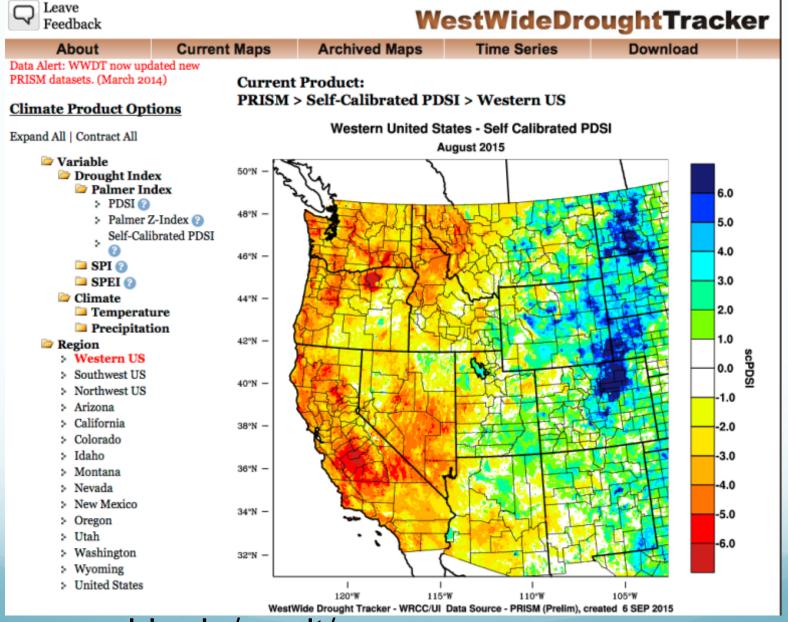
wrcc.dri.edu wrcc@dri.edu



## Select WRCC Tools

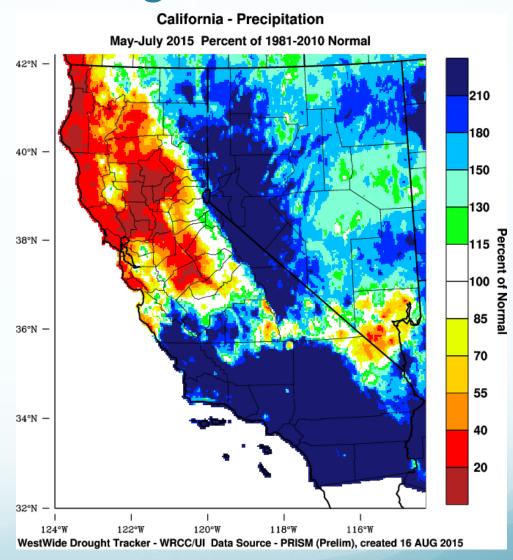
- 1) West-wide Drought Tracker
  - www.wrcc.dri.edu/wwdt/
- 2) California Climate Tracker
  - www.wrcc.dri.edu/monitor/cal-mon/
- 3) California Climate Outcome Likelihood Tool
  - wrcc.dri.edu/col/
- 4) Calclim- California Climate Data Archive
  - calclim.dri.edu
- 5) Great Basin Weather and Climate Dashboard
  - gbdash.dri.edu

## #1: West-wide Drought Tracker



## #1: West-wide Drought Tracker

- Drought variables:
  - Palmer Drought Severity
     Index (PDSI)
  - Standardized Precipitation Index (SPI)
  - Standardized Precipitation Evapotranspiration Index (SPEI)
- Climate Variables
  - Temperature, precipitation
  - % of normal, percentile

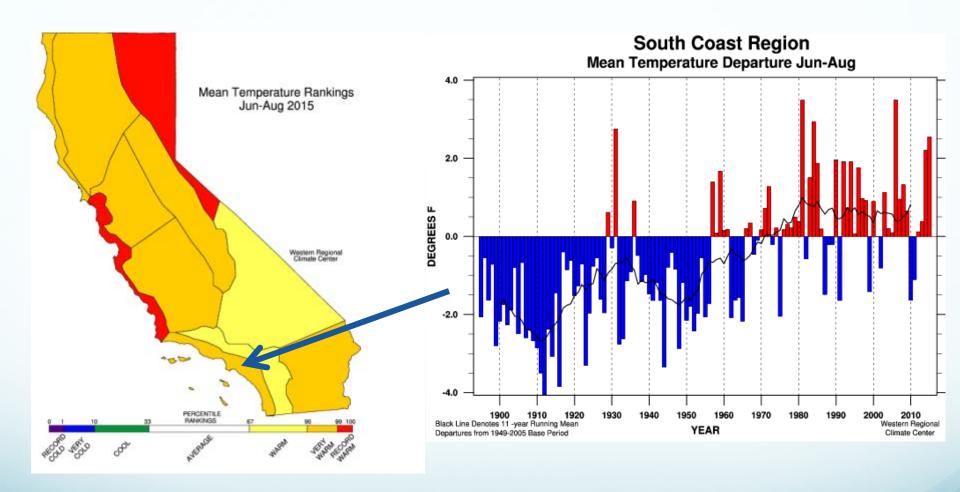


#### #2: California Climate Tracker

- Temperature, precipitation
- Monthly
- PRISM data
- Regions are specific to this tool— not equal to the 7 CA NCDC climate divisions

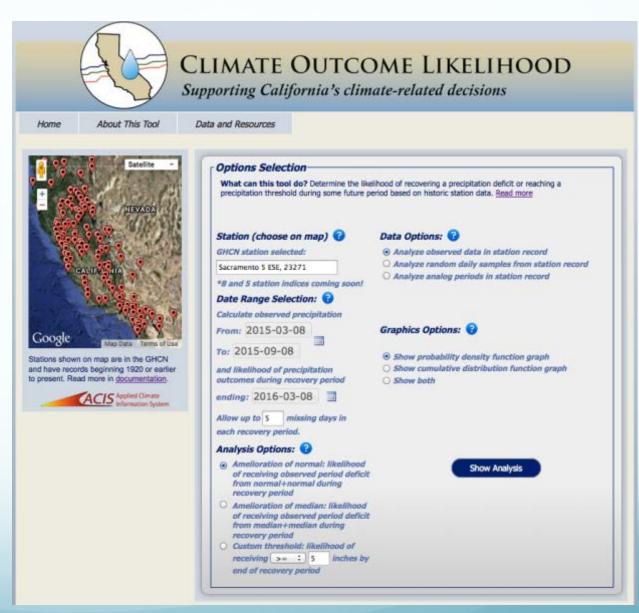


#### #2: California Climate Tracker



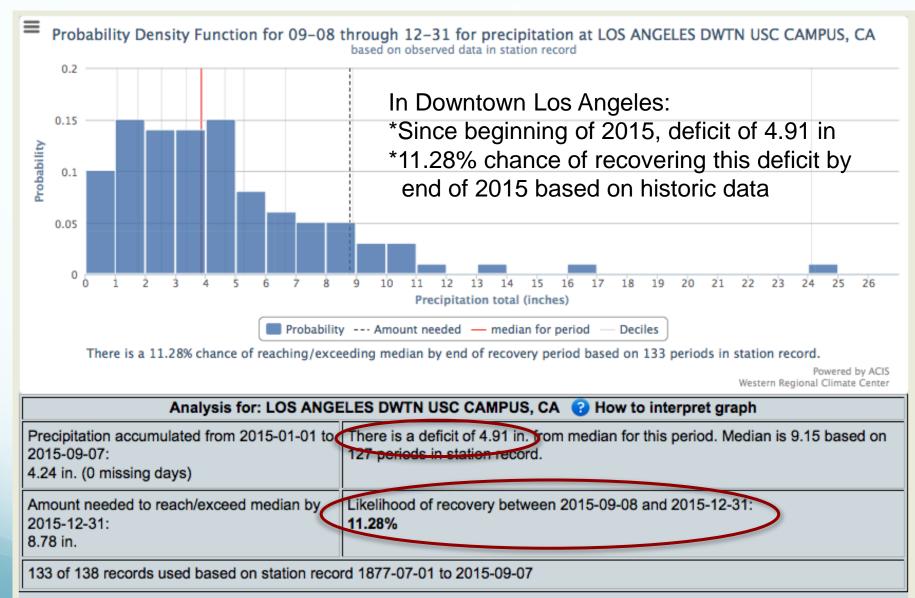
### **#3: Climate Outcome Likelihood**

- Station-based
- Precipitation
- Likelihood of recovering a precipitation deficit during some future deficit based on historic record



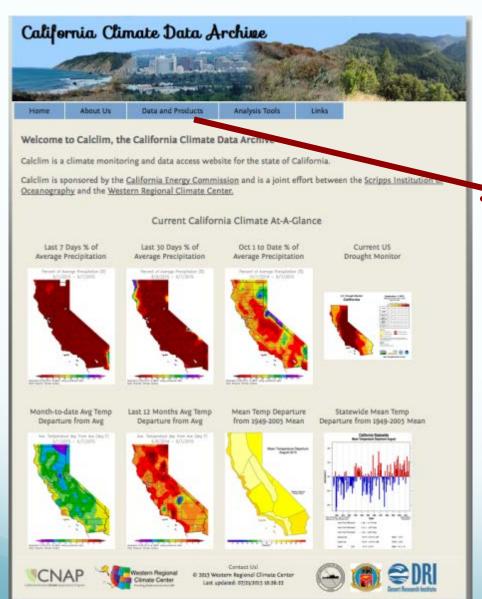
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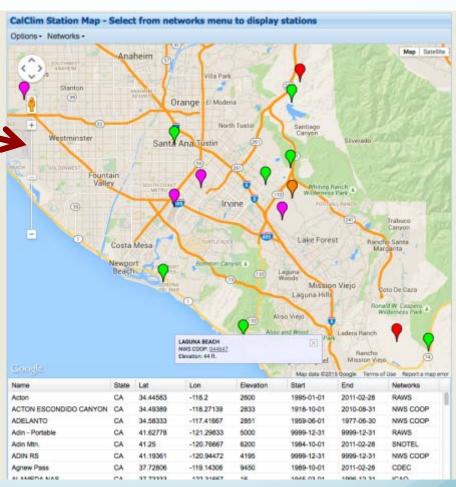
#### **#3: Climate Outcome Likelihood**



#### wrcc.dri.edu/col/

#### #4: Calclim





### #5: Great Basin Dashboard

